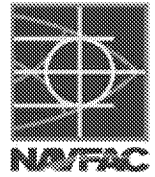


Task #4: Expand the Monitoring Network



- **Monitoring well locations will be recommended in the Scope of Work (work plan), which will be submitted for regulator review**
- **The proposed well locations fulfill the following objectives:**
 - **Sentinels:** Provide monitoring points between the Red Hill tanks and receptors potentially exposed via the drinking water supply system and vapor intrusion pathways, and to guard against VI for offsite residences
 - **Characterize Flow:** Provide additional groundwater elevation data to evaluate groundwater flow patterns in the vicinity of the Red Hill Facility and refine and calibrate the groundwater flow model
 - **Characterize Groundwater Chemistry:** Provide water quality data and evaluate COP concentrations and NAPs
 - **Characterize Matrix:** Further characterize the stratigraphy and properties of the Valley Fill, caprock, and saprolite layers
 - **Other Uses:** Provide potential monitoring and access points for other activities, such as a tracer study or augmentation, if warranted upon completion of other field activities

Task #4: Expand the Groundwater Monitoring Network



New and Proposed Well and Objectives Matrix

Well ID	Objective 1: Sentinels	Objective 2: Characterize Flow	Objective 3: Characterize Chemistry	Objective 4: Characterize Matrix	Objective 5: Other Uses
Recently Installed Monitoring Wells					
RHMW06	✓	✓	✓		✓
RHMW07			✓	✓	✓
Proposed New Monitoring Wells					
RHMW08	✓	✓	✓		✓
RHMW09	✓	✓	✓		✓
RHMW10	✓	✓	✓		✓
RHMW11	✓ ¹	✓	✓	✓ ²	✓

¹ Contingent if groundwater flow direction is towards the Board of Water Supply Halawa Shaft.

² Intend to collect subsurface data (i.e., evaluate flow paths, potential valley fill strata, etc.).

Task #4: Expand the Monitoring Network

